				Raw Water Q		10			
Parameters	Units	DLR**/MDL		a Water	No. of Samples		Paw Wate	er Quality	
i didileters	Onits	DER MIDE	Stand	dards ²	No. or oamples	Min	Max	Mean	Median
General Physical									
Conductivity DH	μS/cm			1600 6.5-8.5	228 228	147 6.47	14100 8.65	3920 7.76	1640 7.77
Total Dissolved Solids Total Suspended Solids	mg/L mg/L	10 1		1000	206 208	193 1	8820 237	2430 7.56	841 2.7
/licrobiological									
. Coli	/100 mL				185	10	4100	317	100
Interococcus Total Coliform	/100 mL /100 mL				185 185	<u>1</u> 8	2400 240000	468 24500	140 11000
fletals ³ Numinum	μg/L	50	1000	200	20	nd	255	55.1	nd
Aluminum, Dissolved	μg/L			200	20	nd	94.2	13.7	4.16
Antimony	μg/L	6	6		22	nd	nd 4.75	nd	nd
Antimony, Dissolved Arsenic	μg/L μg/L	2	10		22 22	nd nd	1.75 33.1	nd 13	nd 14.8
Arsenic, Dissolved	μg/L				22	nd	31.2	12.7	15.5
Barium Barium, Dissolved	μg/L ug/l	100	1000		19 20	nd 39.1	508 675	186 197	179 159
Beryllium	μg/L μg/L	1	4		19	39.1 nd	nd	197 nd	159 nd
Beryllium, Dissolved	μg/L				20	nd	nd	nd	nd
Boron, Dissolved	μg/L	100			18 20	nd 53.5	944 843	327 345	187 289
Cadmium	μg/L μg/L	1	5		20	53.5 nd	843 nd	345 nd	289 nd
Cadmium, Dissolved	μg/L				22	nd	nd	nd	nd
Chromium Dissolved	μg/L	10	50		19	nd	nd 1 00	nd	nd
Chromium, Dissolved Copper	μg/L μg/L	50	1300 ⁴	1000	20 22	nd nd	1.99 66.3	nd nd	nd nd
Copper, Dissolved	μg/L				22	nd	514	62.4	13.7
eadead, Dissolved	µg/L	5	15 ⁴		21 22	nd nd	nd 12.5	nd 1.25	nd nd
.ead, Dissolved Manganese	μg/L μg/L	20		50	22 19	nd nd	12.5 1140	1.25 151	nd 48.4
Manganese, Dissolved	μg/L				20	3.72	318	58	45.9
Nickel	μg/L	10	100		20	nd	20.8	nd 7.04	nd
Nickel, Dissolved Selenium	μg/L μg/L	5	50		20 22	nd nd	24.5 36.4	7.81 17.2	7.02 17.7
Selenium, Dissolved	μg/L				22	nd	37.2	16.8	17.2
Silver Silver, Dissolved	μg/L	10		100	22 13	nd nd	nd nd	nd	nd nd
hallium	μg/L μg/L	1	2		21	nd	nd	nd nd	nd
hallium, Dissolved	μg/L				22	nd	nd	nd	nd
/anadium /anadium, Dissolved	μg/L μg/L	3			20 20	nd nd	103 97.2	32.9 30.4	16.7 17.4
Zinc	μg/L	50		5000	21	nd	nd	nd	nd
Zinc, Dissolved	μg/L				22	nd	37.1	8.03	nd
norganic Constituents Ammonia-N	mg/L	0.031			188	nd	1.76	0.03	nd
Nitrate (NO3)	mg/L	2	45		192	nd	103	22.7	4.66
Nitrite (NO2)	mg/L	1.31	3.29		193	nd	nd	nd	nd
Phosphate, Ortho (as PO4) Phosphorus	mg/L mg/L	0.2 0.078			185 185	nd nd	1.02 0.474	nd nd	nd nd
Total Nitrogen	mg/L	0.156			184	nd	29.4	5.47	1.48
Organic Constituents Regulated		0.5	200		47				
,1,1-Trichloroethane (1,1,1-TCA) .1,2,2-Tetrachloroethane	μg/L μg/L	0.5 0.5	200 1		17 17	nd nd	nd nd	nd nd	nd nd
,1,2-Trichloroethane (1,1,2-TCA)	μg/L	0.5	5		17	nd	nd	nd	nd
,1-Dichloroethane (1,1-DCA)	μg/L	0.5	5		17	nd	nd	nd	nd
,1-Dichloroethylene (1,1-DCE) ,2,4-Trichlorobenzene	μg/L μg/L	0.5 0.5	<u>6</u> 5		17 17	nd nd	nd nd	nd nd	nd nd
,2-Dichlorobenzene (o-DCB)	μg/L	0.5	600		17	nd	nd	nd	nd
,2-Dichloroethane (1,2-DCA)	μg/L	0.5	0.5		17	nd	nd	nd	nd
,2-Dichloropropane ,4-Dichlorobenzene (p-DCB)	μg/L μg/L	0.5 0.5	5 5		17 17	nd nd	nd nd	nd nd	nd nd
lachlor (ALANEX)	μg/L	1	2		11	nd	nd	nd	nd
Atrazine (AATREX)	μg/L	0.5	1 1		11	nd	nd	nd	nd
Senzene Senzo(a)pyrene	μg/L μg/L	0.5 0.1	0.2		17 11	nd nd	nd nd	nd nd	nd nd
romodichloromethane	μg/L	1			17	nd	nd	nd	nd
romoform	μg/L	1	40		17	nd nd	nd	nd nd	nd
Carbofuran (FURADAN) Carbon Tetrachloride	μg/L μg/L	5 0.5	18 0.5		14 17	nd nd	nd nd	nd nd	nd nd
Chlordane	μg/L	0.1	0.1		7	nd	nd	nd	nd
thloroform (Trichloromethane)	μg/L	11			17	nd	nd	nd	nd
is -1,2-Dichloroethylene (c -1,2-DCE)	μg/L μg/L	0.5 5	6 400		17 11	nd nd	nd nd	nd nd	nd nd
Di(2-ethylhexyl) adipate	μg/L	1			17	nd	nd	nd	nd
Dibromochloromethane		0.01	0.2		24	nd	nd	nd	nd
Di(2-ethylhexyl) adipate Dibromochloromethane Dibromochloropropane (DBCP)	μg/L								
Dibromochloromethane Dibromochloropropane (DBCP) Dichloromethane (Methylene Chloride)	μg/L μg/L	0.5	5		17 11	nd nd	nd 8.67	nd nd	nd nd
Dibromochloromethane Dibromochloropropane (DBCP) Dichloromethane (Methylene Chloride) Diethylhexylphthalate (DEHP) Endrin	μg/L μg/L μg/L μg/L	0.5 3 0.1	5 4 2		11 20	nd nd	8.67 nd	nd nd	nd nd
Dibromochloromethane Dibromochloropropane (DBCP) Dichloromethane (Methylene Chloride) Diethylhexylphthalate (DEHP) Endrin Ethyl Benzene	µg/L µg/L µg/L µg/L µg/L	0.5 3 0.1 0.5	5 4 2 300		11 20 17	nd nd nd	8.67 nd nd	nd nd nd	nd nd nd
Dibromochloromethane Dibromochloropropane (DBCP) Dichloromethane (Methylene Chloride) Diethylhexylphthalate (DEHP) Endrin	μg/L μg/L μg/L μg/L	0.5 3 0.1	5 4 2		11 20	nd nd	8.67 nd	nd nd	nd nd

Parameters Hexachlorocyclopentadiene Lindane (gamma-BHC) mp- Xylene Methoxychlor Methyl-tert-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Oxamyl (Vydate) O-Xylene Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Styrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene trans-1,2-Dichloroethylene (t-1,2-DCE) Trichloroethylene (TCE) Trichlorottifluoroethane (FREON 11) Trichlorottifluoroethane (FREON 113) Vinyl Chloride (VC) Organic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,2-4-Trimethylbenzene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3-5-Trimethylbenzene 1,3-5-Trinethylbenzene 1,3-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane 2-Chlorotoluene	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	DLR**/MDL 1 0.2 0.5 10 3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 0.5 5 0.5 5	Drinking Stand MCL 50 0.2 30 13 20 70 50 0.5 4 100 5 70 150 1750 3 10	Water	ams ¹ 2006-2010 No. of Samples 17 9 17 20 17 8 17 14 17 17 11 17 17 17 17 17 207	Min nd nd nd nd nd nd nd nd nd nd nd nd nd	Raw Wate Max nd nd nd nd nd nd nd nd nd n	er Quality Mean nd nd nd nd nd nd nd nd nd	Median nd
Hexachlorocyclopentadiene Lindane (gamma-BHC) m,p- Xylene Methoxychlor Methyl-tert-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Dxamyl (Vydate) D-Xylene Olychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Styrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trichlorotrifluoroethylene (TCE) Trichlorofluoromethane (FREON 11) Trichlorotrifluoroethane (FREON 113) Virnyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane	µg/L µg/L	1 0.2 0.5 10 3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Stand MCL 50 0.2 30 13 20 70 50 0.5 4 100 5 70 150 1750 3 10	ards ² SMCL	17 9 17 20 17 8 17 14 17 4 11 17 17 17 11 17	nd n	Max nd	Mean nd	nd n
indane (gamma-BHC) mp- Xylene Methoxychlor Methyl-terr-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Doxamyl (Vydate) Doxamyl (Vydate) Doxylene Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Styrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Total Organic Carbon (TOC) Total Vylenes Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Toxaphene Trichlorofluoromethane (FREON 11) Trichlorofluoromethane (FREON 113) Jinyl Chloride (VC) Drganic Constituents Unregulated 1,1-1,2-Tetrachloroethane 1,2-3-Trichlorobenzene 1,2-3-Trichlorobenzene 1,3-5-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane	µg/L µg/L	0.2 0.5 10 3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 0.5 5 0.5 5	MCL 50 0.2 30 13 20 70 50 0.5 4 100 5 70 150 1750 3 10	SMCL 5	9 17 20 17 8 17 14 17 4 11 17 17 17 17 11 17 207	nd n	nd n	nd n	nd n
indane (gamma-BHC) mp- Xylene Methoxychlor Methyl-terr-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Doxamyl (Vydate) Doxamyl (Vydate) Doxylene Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Styrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Total Organic Carbon (TOC) Total Vylenes Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Toxaphene Trichlorofluoromethane (FREON 11) Trichlorofluoromethane (FREON 113) Jinyl Chloride (VC) Drganic Constituents Unregulated 1,1-1,2-Tetrachloroethane 1,2-3-Trichlorobenzene 1,2-3-Trichlorobenzene 1,3-5-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane	µg/L µg/L	0.2 0.5 10 3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 0.5 5 0.5 5	0.2 30 13 20 70 50 0.5 4 100 5 70 150 1750 3 10		9 17 20 17 8 17 14 17 4 11 17 17 17 17 11 17 207	nd n	nd n	nd n	nd n
n,p-Xylene Methoxychlor Methyl-tert-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Dxamyl (Vydate) Dxamyl (Vydate) Dxamyl (Vydate) Dxamyl (Vydate) Dxamyl (Nydate) Dxa	µg/L µg/L	0.5 10 3 2 0.5 20 0.5 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 5 5	30 13 20 70 50 0.5 4 100 5 70 150		17 20 17 8 17 14 17 4 11 17 17 17 11 17 207	nd n	nd n	nd n	nd n
Methoxychlor Methyl-terr-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Dxamyl (Vydate) Dxylene Polychlorinated Biphenyls, Total, as DCB Bimazine (PRINCEP) Styrene Fetrachloroethylene (PCE) Thiobencarb (BOLERO) Total Organic Carbon (TOC) Total Xylenes (m.p., & o) Toxaphene Trans-1,2-Dichloroethylene (T-1,2-DCE) Trichloroffluoromethane (FREON 11) Trichlorotrifluoroethane (FREON 113) Trichlorotrifluoroethane (FREON 113) Trichlorotrifluoroethane Trichlorotrifluoroethane Trichlorotrifluoroethane Trichlorotrifluoroene Trichloroteneene Trichloroteneene Trichloroteneene Trichloroteneene Trichloroteneeneene Trichloroteneeneeneeneeneeneeneeneeneeneeneeneene	µg/L µg/L	10 3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 0.5 1 0.5 0.5 5 0.5 1 0.5 0.5 1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	13 20 70 50 0.5 4 100 5 70 150		20 17 8 17 14 17 4 11 17 17 17 11 17	nd n	nd n	nd n	nd n
Methyl-tert-butyl ether (MTBE) Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Doxamyl (Vydate) Doxyl (Vyda	µg/L µg/L	3 2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.3 1 0.5 0.5 0.5	13 20 70 50 0.5 4 100 5 70 150		17 8 17 14 17 4 11 17 17 17 11 17	nd n	nd n	nd	nd n
Molinate (ORDRAM) Monochlorobenzene (Chlorobenzene) Dxamyl (Vydate) D-Xylene Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Styrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trans-1,2-Dichloroethylene (t-1,2-DCE) Trichlorofluoromethane (FREON 11) Trichlorotffluoroethane (FREON 113) Jinyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	2 0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.3 1 0.5 0.3	20 70 50 0.5 4 100 5 70 150 1750 3 10		8 17 14 17 4 11 17 17 11 17 207	nd n	nd	nd n	nd nd nd nd nd nd nd
Monochlorobenzene (Chlorobenzene) Dxamyl (Vydate) Dxylene Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Sityrene Tetrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m.p., & o) Toxaphene Trans -1, 2-Dichloroethylene (t-1,2-DCE) Trichloroffuoromethane (FREON 11) Trichlorotrifluoroethane (FREON 113) Trinyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,2-Trinchlorobenzene 1,3-Trinchlorobenzene 1,3-Trimethylbenzene 1,3-Dichloropropane 2,2-Trimethylbenzene 1,3-Dichloropropane 2,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	0.5 20 0.5 0.5 1 0.5 0.5 1 0.5 0.3 1 0.5 0.3	70 50 0.5 4 100 5 70 150 1750 3	1	17 14 17 4 11 17 17 17 17 17 17 17 17 207	nd n	nd n	nd nd nd nd nd nd nd	nd nd nd nd nd nd nd
o-Xylene o-Xylene olychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) styrene etrachloroethylene (PCE) Thiobencarb (BOLERO) foluene fotal Organic Carbon (TOC) otal Xylenes (m,p, & o) oxaphene rans-1,2-Dichloroethylene (t-1,2-DCE) richlorofluoromethane (FREON 11) richlorofluoromethane (FREON 113) /inyl Chloride (VC) Organic Constituents Unregulated1,1,2-Tetrachloroethane1,3-Dichloropropene2,3-Trichlorobenzene2,3-Trimethylbenzene3,5-Dichloropropane2,3-Dichloropropane2,2-Dichloropropane2,2-Dichloropropane2,2-Dichloropropane2,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	0.5 0.5 1 0.5 0.5 1 0.5 0.3 1 0.5 0.5 0.5 0.5 0.5	0.5 4 100 5 70 150 1750 3 10	1	17 4 11 17 17 11 11 17 207	nd nd nd nd nd nd	nd nd nd nd nd nd	nd nd nd nd nd	nd nd nd nd nd
Polychlorinated Biphenyls, Total, as DCB Simazine (PRINCEP) Siyrene Vetrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trans -1,2-Dichloroethylene (t-1,2-DCE) Trichlorofluoromethane (FREON 11) Trichlorotfluoromethane (FREON 113) Vinyl Chloride (VC) Organic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Frimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L	0.5 1 0.5 0.5 1 0.5 0.3 1 0.5 0.3	4 100 5 70 150 1750 3 10	1	4 11 17 17 11 11 17 207	nd nd nd nd nd	nd nd nd nd nd	nd nd nd nd	nd nd nd nd
Simazine (PRINCEP) Styrene Etrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trichloroethylene (TCE) Trichlorofluoromethane (FREON 11) Trichlorotifluoromethane (FREON 113) Viryl Chloride (VC) Organic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-5-Trimethylbenzene 1,3-Dichlorobenzene (m-DCB) 1,3-Dichloropropane 2,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 0.5 0.5 1 0.5 0.3 1 0.5 0.3	4 100 5 70 150 1750 3 10	1	11 17 17 17 11 17 207	nd nd nd nd nd	nd nd nd nd	nd nd nd nd	nd nd nd nd
Styrene Fetrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene rans-1,2-Dichloroethylene (t-1,2-DCE) Trichloroffluoromethane (FREON 11) Trichloroffluoromethane (FREON 113) Jinyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-S-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	0.5 0.5 1 0.5 0.3 1 0.5 0.5 5	100 5 70 150 1750 3 10	1	17 17 11 17 207	nd nd nd nd	nd nd nd nd	nd nd nd	nd nd nd
etrachloroethylene (PCE) Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trans-1,2-Dichloroethylene (t-1,2-DCE) Trichlorofluoromethane (FREON 11) Trichloroffluoromethane (FREON 113) Trichloroffluoroethane (FREON 113) Trichloroffluoroethane (FREON 113) Trichloroffluoroethane (TOE) Total Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L µg/L µg/L mg/L µg/L µg/L µg/L µg/L µg/L	0.5 1 0.5 0.3 1 0.5 0.5 5	5 70 150 1750 3 10	1	17 11 17 207	nd nd nd	nd nd nd	nd nd	nd nd
Thiobencarb (BOLERO) Toluene Total Organic Carbon (TOC) Total Xylenes (m.p., & o) Toxaphene Trans-1,2-Dichloroethylene (t-1,2-DCE) Trichlorothylene (TCE) Trichlorofluoromethane (FREON 11) Trichlorotifluoroethane (FREON 113) Triyl Chloride (VC) Organic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Frimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L µg/L mg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ	1 0.5 0.3 1 0.5 0.5 5	70 150 1750 3 10	1	11 17 207	nd nd	nd nd	nd	nd
Toluene Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Trichlorotethylene (t-1,2-DCE) Trichlorotethylene (TCE) Trichlorotethylene (TCE) Trichlorotromethane (FREON 11) Trichlorottromethane (FREON 113) Trichlorotromethane (FREON 113) Trichlorotromethane (FREON 113) Trichlorotromethane (FREON 113) Trichlorotromethane (TREON 113) Trichlorotromethane (TREON 113) Trichlorotromethane Trichlorotr	µg/L mg/L µg/L µg/L µg/L µg/L µg/L	0.5 0.3 1 0.5 0.5 5	150 1750 3 10	- 1	17 207	nd	nd		
Total Organic Carbon (TOC) Total Xylenes (m,p, & o) Toxaphene Toxaphene Toxanhene Toxa	mg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	0.3 1 0.5 0.5 5	1750 3 10		207			TIQ.	
Total Xylenes (m,p, & o) Toxaphene rans -1,2-Dichloroethylene (t-1,2-DCE) Trichloroethylene (TCE) Trichlorofluoromethane (FREON 11) Trichlorotifluoroethane (FREON 113) Triyl Chloride (VC) Organic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,2-3-Trichlorobenzene 1,2,3-Trichlorobenzene 1,3-5-Trimethylbenzene 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L µg/L	1 0.5 0.5 5	3 10					6.49	6.58
Toxaphene trans-1,2-Dichloroethylene (t-1,2-DCE) Trichloroethylene (TCE) Trichloroethylene (TCE) Trichlorothylene (FREON 11) Trichlorotrifluoroethane (FREON 113) Trichlorotrifluoroethane (FREON 113) Trichlorotrifluoroethane (FREON 113) Trichlorotrifluoroethane (TCE) Trichloropropene 1,1-Dichloropropene 1,2-3-Trichlorobenzene 1,3-5-Trimethylbenzene 1,3-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane	µg/L µg/L µg/L µg/L µg/L	0.5 0.5 5	3 10		1/	nd	nd	nd	nd
rans -1,2-Dichloroethylene (t-1,2-DCE) richloroethylene (TCE) richlorofluoromethane (FREON 11) richloroffluoromethane (FREON 113) //inyl Chloride (VC) Drganic Constituents Unregulated	µg/L µg/L µg/L µg/L	0.5 5			7	nd	nd	nd	nd
Frichlorofluoromethane (FREON 11) Frichlorotrifluoroethane (FREON 113) Frichlorotrifluoroethane (FREON 113) Frichlorotrifluoroethane (1,1,1,2-Tetrachloroethane (1,1,1,2-Tetrachloroethane (1,2,3-Trichlorobenzene (1,2,4-Trimethylbenzene (1,3,5-Trimethylbenzene (1,3-Dichlorobenzene (1,3-Dichloropropane (1,2,2-Dichloropropane (1,2,2-Dichloropropa	μg/L μg/L μg/L	5	-		17	nd	nd	nd	nd
Frichlorotrifluoroethane (FREON 113) //inyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3-5-Trimethylbenzene 1,3-Dichloropropane 2,2-Dichloropropane 2,2-Dichloropropane	μg/L		5		17	nd	nd	nd	nd
Vinyl Chloride (VC) Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene (m-DCB) 1,3-Dichloropropane 2,2-Dichloropropane		10	150		17	nd	nd	nd	nd
Drganic Constituents Unregulated 1,1,1,2-Tetrachloroethane 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 1,3,5-Dichlorobenzene (m-DCB) 1,3-Dichloropropane 2,2-Dichloropropane	μg/L	10	1200		17	nd	nd	nd	nd
.1.1,2-Tetrachloroethane .1.1-Dichloropropene .2.2-Trinchlorobenzene .2.4-Trinmethylbenzene .3.5-Trimethylbenzene .3-Dichloropropane .2-Dichloropropane		0.5	0.5		17	nd	nd	nd	nd
.1.1,2-Tetrachloroethane .1.1-Dichloropropene .2.2-Trinchlorobenzene .2.4-Trinmethylbenzene .3.5-Trimethylbenzene .3-Dichloropropane .2-Dichloropropane									
.1-Dichloropropene 2,3-Trichlorobenzene 2,4-Trimethylbenzene 3,5-Trimethylbenzene 3,5-Dichlorobenzene (m-DCB) 3,5-Dichloropropane 2,2-Dichloropropane	//	0.5			47				
.2,3-Trichlorobenzene .2,4-Trimethylbenzene .3,5-Trimethylbenzene .3,5-Dichlorobenzene (<i>m</i> -DCB) .3-Dichloropropane .2-Dichloropropane	µg/L	0.5 0.5			17 17	nd nd	nd nd	nd nd	nd nd
,2,4-Trimethylbenzene ,3,5-Trimethylbenzene ,3-Dichlorobenzene (<i>m</i> -DCB) ,3-Dichloropropane ,2-Dichloropropane	μg/L μg/L	0.5			17	nd	nd	nd	nd
,3,5-Trimethylbenzene ,3-Dichlorobenzene (<i>m</i> -DCB) ,3-Dichloropropane ,2-Dichloropropane	μg/L	0.4			17	nd	nd	nd	nd
,3-Dichlorobenzene (m-DCB) ,3-Dichloropropane 2,2-Dichloropropane	µg/L	0.5			17	nd	nd	nd	nd
1,3-Dichloropropane 2,2-Dichloropropane	μg/L	0.5			17	nd	nd	nd	nd
	μg/L	0.5			17	nd	nd	nd	nd
2-Chlorotoluene	μg/L	0.5			17	nd	nd	nd	nd
	μg/L	0.5			17	nd	nd	nd	nd
3-Hydroxycarbofuran	μg/L	3			14	nd	nd	nd	nd
1-Chlorotoluene	μg/L	0.5			17	nd	nd	nd	nd
Acenaphthylene	μg/L	5			7	nd	nd	nd	nd
Aldicarb (TEMIK)	μg/L	3 4			14 14	nd	nd	nd	nd
Aldicarb sulfone Aldicarb sulfoxide	µg/L	3			14	nd nd	nd nd	nd nd	nd nd
Aldrin	μg/L μg/L	0.075			9	nd	nd	nd	nd
Anthracene	μg/L	5			11	nd	nd	nd	nd
Baygon	μg/L	0.4			14	nd	nd	nd	nd
Benzo (a) Anthracene	μg/L	10			11	nd	nd	nd	nd
Benzo (b) Fluoranthene	μg/L	10			11	nd	nd	nd	nd
Benzo (g,h,i) Perylene	μg/L	10			10	nd	nd	nd	nd
Benzo (k) Fluoranthene	μg/L	10			11	nd	nd	nd	nd
Benzyl Butyl Phthalate	μg/L	10			11	nd	nd	nd	nd
Bromobenzene	μg/L	0.5			17	nd	nd	nd	nd
Bromochloromethane	μg/L	0.5			17	nd	nd	nd	nd
Bromomethane (Methyl Bromide)	μg/L	0.5			17	nd	nd	nd	nd
Carbaryl (Sevin)	µg/L	5			14	nd	nd	nd	nd
Chloroethane Chloromothana (Mathyl Chlorida)	µg/L	0.5			17	nd	nd	nd	nd nd
Chloromethane (Methyl Chloride)	µg/L	0.5 5			17 11	nd nd	nd nd	nd nd	nd nd
Chrysene cis -1,3-Dichloropropene	μg/L μg/L	0.5			17	nd nd	nd nd	nd nd	nd
Dibenzo (a,h) anthracene	μg/L μg/L	5			11	nd	nd	nd	nd
Dibromomethane	μg/L	0.5			17	nd	nd	nd	nd
Dichlorodifluoromethane (Freon 12)	μg/L	0.5			17	nd	nd	nd	nd
Dieldrin	μg/L	0.02			9	nd	nd	nd	nd
Diethylphthalate	μg/L	5			11	nd	nd	nd	nd
Diisopropyl Ether (DIPE)	μg/L	3			17	nd	nd	nd	nd
Dimethylphthalate	μg/L	5			8	nd	nd	nd	nd
di-n-Butylphthalate	μg/L	5			11	nd	nd	nd	nd
thyl-tert-butyl ether (ETBE)	μg/L	3			17	nd	nd	nd	nd
luorene	μg/L	5			11	nd	nd	nd	nd
Hexachlorobutadiene	μg/L	0.5			17	nd	nd	nd	nd
ndeno (1,2,3-cd) Pyrene	μg/L	10			9	nd	nd	nd	nd
sopropylbenzene (Cumene)	µg/L	0.5			17	nd	nd	nd	nd
Methiocarb	µg/L	0.4			15	nd	nd	nd	nd
flethomyl Iaphthalene	μg/L μg/L	0.5			14 25	nd nd	nd nd	nd nd	nd

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μg/L μg/L μg/L

n-Butylbenzene

n-Propylbenzene Phenanthrene

p-Isopropyltoluene Propachlor

Pyrene
sec-Butylbenzene
fert-Amyl Methyl Ether (TAME)
fert-Butyl Alcohol (TBA)
fert-Butylbenzene
frans -1,3-Dichloropropene
Trifluralin

Pyrene

0.4 2 0.5 0.5 0.5 5 0.2 0.5 0.5 0.5

3 2 0.5 0.5 0.5

Summary of Raw Water Quality*
Otay Cottonwood System Streams ¹ 2006-2010

Parameters	Units	Units DLR**/MDL		g Water lards ²	No. of Samples		Raw Wat	er Quality	
			MCI	SMCI		Min	Max	Mean	Median

- Notes:

 *The acceptance criteria in this table apply to finished, potable water, and are for reference only.

 ** The State of California DLR values are used when available. Parameters without DLR values were reported at MDL levels.
- (1) The sampling points summarized are: JAM4, PVR2, RHR2, UOR1, PVC5, WLC4, LAP4, PVC1, CWD4b, KTC4, MOR3.
 (2) State MCL and MCLG values may be more stringent then federal standards for treated water.
 (3) Trace metals samples were filtered before analysis. The results reflect dissolved trace metals.
 (4) Lead and Copper Rule Action Level.
 nd: non-detect at State DLR or MDL if DLR not available